PCT/NL 03/00660

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B32B27/32 B32B27/08 B32B27/12 B29C51/14 B29C70/82 B29C63/02 B29C65/70 //B29K67:00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) B32B B29C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. EP 0 366 210 A (SHELL INT RESEARCH) X 1-10, 13-16 2 May 1990 (1990-05-02) column 2, line 22 -column 4, line 20 X US 5 578 370 A (FERRAR ANDREW N ET AL) 1-13 26 November 1996 (1996-11-26) the whole document X. GB 1 117 256 A (GRACE W R & CO) 1-4,6,1319 June 1968 (1968-06-19) the whole document X EP 1 130 303 A (SEKISUI CHEMICAL CO LTD) 1-4.10-16 5 September 2001 (2001-09-05) paragraph '0242! - paragraph '0254!; claims 1.9 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 27 January 2004 04/02/2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tet. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Foulger, C

ormation on patent family members

Int nal Application No PUI/NL 03/00660

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0366210	A	02-05-1990	US	5077121 A	31-12-1991
			AU	617549 B2	28-11-1991
	•		AU	4377589 A	03-05-1990
			BR	8905447 A	29-05-1990
			CA	2001556 A1	27-04-1990
•			DE	68920545 D1	23-02-1995
			DE	68920545 T2	03-08-1995
			ΕP	0366210 A2	02-05-1990
			ES	2068886 T3	01-05-1995
			JP	2171241 A	02-07-1990
			JP	2894743 B2	24-05-1999
US 5578370	A	26-11-1996	DE	513121 T1	22-07-1993
			AU	645526 B2	20-01-1994
			AU	7227091 A	21-08-1991
•			CA	2100975 A1	03-08-1991
			EP	0513121 A1	19-11-1992
			WO	9111324 A1	08-08-1991
			JP	5504107 T	01-07-1993
•			NZ	236960 A	27-04-1994
·			ZA 	9100730 A	27-11-1991
GB 1117256	Α	19-06-1968	BE	687256 A	22-03-1967
			CH .	478027 A	15-09-1969
			DE	1536060 B1	08-02-1973
			DK	116265 B	22-12-1969
			FI	45942 B	31-07-1972
			FR	1493353 A	25-08-1967
•			NL	6613377 A	28-03-1967
•		•	NO	123565 B	06-12-1971
			SE	313277 B	04-08-1969
EP 1130303	Α	05-09-2001	EP	1130303 A1	05-09-2001
			US	6629547 B1	07-10-2003
			WO	0022334 A1	20-04-2000